

**ABSTRACT OF THE DISCLOSURE**

**[0105]** A method of network qualification and validation is presented. The network qualification and validation method is performed to meet various government and regulatory standards. In one embodiment, networks associated with regulated environments are defined. The networks are defined based on the applications running on the network. A series of methodologies known as the Design Qualification, Installation Qualification and Operation Qualification are defined. Each methodology uses direct testing of the network to qualify the network. In addition, each methodology produces a consistent, repeatable, standardized, defensible and objective validation and qualification when applied to any network. As a result, the integrity of the network and compliance with government regulations is maintained.